U.S. UTILITY Patent Application O.I.P.E. PATENT DATE CLASS SUBCLASS ART UNIT DOD D.S. TITLE OF INVENTION: ISSUING CLASSIFICATION ORIGINAL CLASSIFICATION ORIGINAL CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION ORIGINAL CLASSIFICATION ORIGINAL CLASSIFICATION ORIGINAL CLASSIFICATION ORIGINAL CLASSIFICATION ORIGINAL CLASSIFICATION INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION ORIGINA														• •				
U.S. UTILITY Patent Application OLP.E. OLP.E	PATENT NUMBE	Г						3	%		Careta		Z	7.00				
U.S. UTILITY Patent Application O.I.P.E. PATENT DATE CLASS SUBCLASS GART UNIT JODA D.S. TITLE OF INVENTION: ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(S) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION TO COntinued on Issue Sip Inside File January Print Claim The term of this patent subsequent to Laboration and Contact Claims Print Claim The term of this patent shall now a search export the spiration date of U.S Patent. No.							-	POLICE I	Subcla		n n		PTO	in Line				
U.S. UTILITY Patent Application O.I.P.E. PATENT DATE CLASS SUBCLASS ART UNIT 21 7 7 DOD D.S TITLE OF INVENTION: ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(S) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION DRIGINAL CROSS REFERENCE(S) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION DRIGINAL CROSS REFERENCE(S) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION DRIGINAL CROSS REFERENCE(S) CLAIMS ALLOWER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim The term of this patent shall not askend beyond the expiration date of U.S. Patent. No.						•.		2000	Class		11/29/		3.8 . 5					
CLASS SUBCLASS ISSUING CLASSIFICATION ORIGINAL CLASS SUBCLASS CLASS CLASS CLASS SUBCLASS CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION ORIGINAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CLASS ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION ORIGINAL CONTINUED ON Issue Stip Inside File Jan Continued on Issue Stip Inside File Jan The term of this patient Subsequent to International Claims ORIGINAL CASSIENT Examiner INDICE OF ALLOWANCE M INDICE OF ALLOWANCE M INSUE FEE		_	tion	Applica	Patent A	LITY	U.S. UTI	لگ		L	•							
TITLE OF INVENTION: ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(S) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS (PER BLOCK) INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION DRAWINGS CLAIMS SUBCLASS PER BLOCK) TERMINAL DISCLAIMER DRAWINGS Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim The term of this patent subsequent to labe being about the subsequent to labe being disclaimed. The term of this patent claim (Assitant Example) (Cable 1) The term of this patent shall not extent beyond the expiration date of U.S. Patent. No. 1SSUE FEE		ATE	ATENT DA	F		0.I.P	M						i.					
TITLE OF INVENTION: ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(S) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION TERMINAL DRAWINGS Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim The term of this patent subsequent to lab been disclaimed. (Assistant Exeminary) (Cable The term of this patent and the print Claim of texted belowing the expiration date of U.S. Patent. No. ISSUE FEE												_		Maria o es	population (Cr			
ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(S) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION DRAWINGS Chains allowe Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim The term of this patent subsequent to (Jae's has been disclaimed. (date) (Paestant Examinary) The term of this patent shall not stand beyond the expiration date of U.S Patent. No. (ISSUE FEE				~				SUBCLA	•					No.				
ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(S) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION ORIGINAL CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION TERMINAL DRAWINGS CLAIMS ALLOWE Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim subsequent to (date) has been disclaimed. (date) has been disclaimed. (date) total dead of U.S. Patent. No. (Date) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. (Date) ISSUE FEE	<u>ح</u>	PODE			211		<u> </u>					L			(,*)			
ORIGINAL CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION INTERNATIONAL CLASSIFICATION TERMINAL DISCLAIMER DRAWINGS Sheets Drwg. Figs. Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim NOTICE OF ALLOWANCE M Subsequent to (date) has been disclaimed. The term of this patent shall not extend beyond the expiration date of U.S Patent. No (ISSUE FEE):	CANT(S	APPLI			alg				
CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION TERMINAL DISCLAIMER DRAWINGS Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim The term of this patent subsequent to			N	CATIO	ASSIFIC	IG CL	ISSUIN					ſ						
INTERNATIONAL CLASSIFICATION		E(S)	FERENCE(ROSS RE	CF				NAL	ORIG								
INTERNATIONAL CLASSIFICATION Continued on Issue Slip Inside File Jack TERMINAL DRAWINGS CLAIMS ALLOWE Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim The term of this patent subsequent to	OCK)	ASS PER BLO	SUBCLA	ASS (ON	SUBCL	<u> </u>	CLASS	UBCLASS		ASS	CI	.	7					
TERMINAL DRAWINGS CLAIMS ALLOWE Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim The term of this patent subsequent to					-	$-\parallel$	N .	SSIFICATION	AI CLA	NATION	INTER	┢						
TERMINAL DISCLAIMER DRAWINGS CLAIMS ALLOWE					-	-					T	ŀ	. '					
TERMINAL DISCLAIMER DRAWINGS CLAIMS ALLOWE																		
TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim The term of this patent subsequent to						_#					$\bot \bot$	L	٠.,					
TERMINAL DISCLAIMER DRAWINGS CLAIMS ALLOWE	ride File Jacket	n leeue Stin Inc	Continued on	<u>_</u>		-#						ŀ						
The term of this patent subsequent to (date) has been disclaimed The term of this patent subsequent to (other term of this patent shall not extend beyond the expiration date of U.S Patent. No ISSUE FEE	ille File Jacket	in issue Sup ins	Johannaea on							<u> </u>		L						
The term of this patent subsequent to (date) has been disclaimed The term of this patent shall not extend beyond the expiration date of U.S Patent. No ISSUE FEE		CL AIMS A			NGS	DDAW			JAI	FRMII		Γ						
The term of this patent subsequent to (date) has been disclaimed. (Assistant Examiner) (Date	Print Claim for O.		Total CI	int Fig.		1	Sheets Drwg.	}	IMER	ISCL			:					
The term of this patent subsequent to (date) has been disclaimed. (Assistant Examiner) (Date The term of this patent shall not extend beyond the expiration date of U.S Patent. No ISSUE FEE			, , , , , ,															
subsequent to	VANCE MAILED	E OF ALLOV	NOTICE		I	1			nis naten	term of t	The	ŀ						
The term of this patent shall not extend beyond the expiration date of U.S Patent. No				(Date)		Examiner)	(Assistant	(date)		ent to _	ubsequ							
not extend beyond the expiration date of U.S Patent. No						,	,	shall										
	FEE	ISSUE		ŀ					d the exp	nd beyor	not exte			No. C				
	Date Paid		A.moun	}				· ·										
(Primary Examiner) (Date)				(Date)		Examiner\	(Primary		_									
ISSUE BATCH NUMBE	1 NUMBER	SUE BATC	ISS				11.2					l						
The terminalmonths of this patent have been disclaimed. (Legal Instruments Examiner) (Oate)				(Date)		ante Evamin	(i pani instrum											
WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the U ited States Code Title 35, Sections 122,	ections 122, 181 and	Code Title 35, Se	ited 3tates C	ited by the L	may be prohibit	disclosure	icted. Unauthorized	n may be rest	losed here	nation disc	he infor	ŀ						
Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractures only. Form PTO-436A (Rev. 6/99) FILED WITH: DISK (CRF) FICHE	FICHE CD-F		·			o to authori	IFK OTTICE IS restricted	ent & Tradem	me U.S. P		m PTO-	Fo	i					
(Rev. 6/99)	ned in pocket on right insid	CBE IT		. ∀VII ا	rile.						v. 6/99)	(B	r ·					